

U.S. PATENT DOCUMENTS[illegible]

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Complete if Known</i>	
				Application Number	10/517,380
				Filing Date	July 7, 2005
				First Named Inventor	Jonathan Miles BROWN
				Group Art Unit	1654
				Examiner Name	D. LUKTON
				Confirmation No.	4371
Sheet	2	of	4	Attorney Docket Number	2833-103

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³ Code	Number ⁴	Kind ⁵ (if known)			
	4	JP	4046143	A	HITACHI LTD.	02-17-1992	
	5	JP	02-208579		JEOL LTD.	02-08-1990	
	6	WO	03053910	A1	JAPAN SCIENCE & TECH CORP. (Abstract)	07-03-2003	AB
	7	WO	99/11589	A1	Martek Biosciences Corp.	03-11-1999	
Examiner Signature					Date Considered		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		T ²
	8	Appelt et al., "Design of Enzyme Inhibitors Using Iterative Protein Crystallographic Analysis," J. of Med. Chem. 34(7):1925-1934, 1991.		
	9	Driscoll et al., "Structure of Domain 1 of rat T Lymphocyte CD2 Antigen," Nature 353:762-765, 1991.		
	10	Duthaler, "Recent Developments in the Stereoselective Synthesis of α -Aminoacids," Tetrahedron Lett. 50(6):1539 -1650, 1994.		
	11	Freund et al., "Structural and Dynamic Properties of the F _v Fragment and the Single-Chain F _v Fragment of an Antibody in Solution Investigated by Heteronuclear Three-Dimensional NMR Spectroscopy," Biochemistry 33:3296-3303, 1994.		
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	13	Kay et al., "Four-Dimensional Heteronuclear Triple-Resonance NMR Spectroscopy of Interleukin-1 β in Solution," Science 249:411-414, 1990.		
	14	Kent, "Chemical Synthesis of Peptides and Proteins," Ann. Rev. Biochem. 57:957-989, 1988.		
	15	Lankiewicz et al., "Synthesis of Amino Acid Derivatives Substituted in the Backbone with Stable Isotopes for Application in Peptide Synthesis," J. Chem. Soc. Perkin Trans. 2503-2510, 1994.		
	16	Lavanant et al., "Formation and Fragmentation of α -Amino Acids Complexed by Cu ⁺ ," J. Mass Spectrometry 32:1037-1049, 1997.		
	17	LeMaster et al., "Preparative-Scale Isolation of Isotopically Labeled Amino Acids," Anal. Biochem. 122:238-247, 1982.		
	18	Lustbader et al., "Expression of Human Chorionic Gonadotropin Uniformly Labeled With NMR Isotopes in Chinese Hamster Ovary Cells: an Advance Toward Rapid Determination of Glycoprotein Structures," J. Biomol. NMR 7:295-304, 1996.		
	19	Martin et al., "Stereoselective Synthesis of L-[1- ¹³ C], L-[2- ¹³ C] and L-[¹⁵ N] Amino Acids," Isotopes Environ. Health Stud. 32:15-19, 1996.		
	20	Nyassé et al., "First Synthesis of a Fully [¹⁵ N, ¹³ C] Backbone-Labelled Peptide," ¹⁵ N NMR Spectrum of Corresponding Leu-Enkephalin," J. Chem. Soc., Chem. Commun. 2005-2006, 1994.		

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	21	Oppolzer et al., "Asymmetric Alkylations of a Sultam-Derived Glycinate Equivalent: Practical Preparation of Enantiomerically Pure α -Amino Acids," Tetrahedron Lett. 30(44):6009-6010, 1989.	
	22	Oppolzer et al., "201. Asymmetric Alkylations of a Sultam-Derived Glycine Equivalent: Practical Preparation of Enantiomerically Pure α -Amino Acids," Helvetica Chimica Acta 77:2363-2380, 1994.	
	23	Oppolzer et al., "153. Asymmetric Synthesis of α -Amino Acids and α -N-Hydroxyamino Acids from N-Acylbornane-10,2-sultams: 1-Chloro-1-nitrosocyclohexane as a Practical $[\text{NH}_2^+]$ Equivalent," Helvetica Chimica Acta 75:1965-1978, 1992.	
	24	Perutz et al., "Structure of Hemoglobin: A Three-Dimensional Fourier Synthesis at 5.5- Å. Resolution, Obtained by X-ray Analysis," Nature 185:416-422, 1960.	
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	27	Schöllkopf, "Enantioselective Synthesis of Nonproteinogenic Amino Acids," Top. Curr. Chem, 109(65):65-84, 1983.	
	28	Shuker et al., "Discovering High-Affinity Ligands for Proteins: SAR by NMR," Science 274:1531-1534, 1996.	
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	30	Winkler et al., "Principles and Results of Stable Isotope Labelling of L- α -Aminoacids by Combined Chemical and Enzymatic Methods," Isotopes Environ. Health Stud. 31:161-190, 1995.	
	31	Zhang et al., "A Novel Class of Chemically Modified Iodo-Containing Resins: Design, Synthesis and Application to Mass Spectrometry-Based Proteome Analysis," J. Mass Spectrometry 39:447-457, 2004.	
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